

Amendments to the claims

Please amend the claims as follows:

1. (Currently amended) A composition comprising [Thermoplastic] thermoplastic elastomers on the basis of a PP/EPDM blend with cross-linked EPDM phase and syndiotactic polypropylene [as] in a viscosity promoter amount.

2. (Currently amended) Thermoplastic elastomers, comprising:

- [-] ethylene propylene terpolymers,
- [-] isotactic polypropylene,
- [-] syndiotactic polypropylene,
- [-] mineral filler material,
- [-] mineral oil, and
- [-] cross-linking catalyst.

3. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2, wherein the ethylene propylene terpolymer has a ter-component [in the ethylene propylene terpolymer is] selected from the group consisting of 1,4-hexadiene, dicyclopentadiene, [or] and ethylidene norbornene.

4. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,

wherein the isotactic polypropylene is selected from the group consisting of [the]
polypropylene homopolymers [and/or] and [the] polypropylene copolymers.

5. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the mineral filler materials are selected from the group consisting of calcium
carbonate, talcum [or] and kaolin.

6. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the mineral oils are selected from the group consisting of naphthene-based
[or] and paraffin-based solvents.

7. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the cross-linking catalyst is selected from the group consisting of tin-(II)-
chloride [or] and salicylic acid.

8. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the alkyl phenol resin is selected from the group consisting of octylphenol
[and/or] and nonylphenol.

9. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the ethylene propylene terpolymer [share in the reaction mixture] is present in

amounts between 20 and 50 parts.

10. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the [share of] isotactic polypropylene [in the reaction mixture] is present in
amounts between 10 and 50 parts.

11. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the [share of] filler materials [in the reaction mixture] is present in amounts
between 5 and 50 parts.

12. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the [share of] mineral oils [in the reaction mixture] is present in amounts
between 10 and 50 parts.

13. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the [share of the] cross-linking catalyst [in the reaction mixture] is present in
amounts between 0.1 and 2 parts.

14. (Currently amended) The thermoplastic [Thermoplastic] elastomers as defined in claim 2,
wherein the [share of the] alkyl phenol resin [in the reaction mixture] is present in
amounts between 0.5 and 5 parts.

15. (Currently amended) The thermoplastic [Thermoplastic] elastomer according to claim 1,
wherein said elastomers have a composition as follows: [defined in claim 2]

ethylene propylene terpolymers,

isotactic polypropylene,

syndiotactic polypropylene,

mineral filler material,

mineral oil, and

cross-linking catalyst.

16. (Currently amended) [The production of] A method for producing the thermoplastic
elastomers as defined in claim 1, [wherein the] comprising
1) mixing syndiotactic polypropylene [is mixed in a first step] with PP and EPDM in
the intake area of a continuously operating double-screw mixer to obtain a melt with
the highest possible homogeneity and [, in the second step]
2) upstream of the screws, dynamically cross-linking the EPDM [is dynamically cross-
linked] by adding the cross-linking resin in [connection with the] the presence of
catalyst.
17. (Currently amended) [The use of the] An article including seals and profiles comprising
the thermoplastic elastomers as defined in claim 1[, in particular for the substitution of
rubber articles, preferably for seals used in the manufacture of automobiles, or for

above-ground construction, as well as for profiles used for damping or as buffer protection strips].

18. (Currently amended) [The production of] A method for producing the thermoplastic elastomers as defined in claim 2, [wherein the] comprising
- 1) mixing syndiotactic polypropylene [is mixed in a first step] with PP and EPDM in the intake area of a continuously operating double-screw mixer to obtain a melt with the highest possible homogeneity and[, in the second step]
- 2) upstream of the screws, dynamically cross-linking the EPDM [is dynamically cross-linked] by adding the cross-linking resin in [connection with the] in the presence of catalyst.
19. (Currently amended) [The use of the] An article including seals and profiles comprising the thermoplastic elastomers as defined in claim 2[, in particular for the substitution of rubber articles, preferably for seals used in the manufacture of automobiles, or for above-ground construction, as well as for profiles used for damping or as buffer protection strips].